

Jobs in Career Clusters: Summary

South Carolina Career Clusters	SC Total Jobs Estimate*, 2004	Share of All Jobs in Career Occupations	Rank	SC 2004 Annual Average Pay	Rank	US 2004- 2014 Projected Percent Change in Jobs	Rank	Estimated Percent of SC Jobs Requiring Education Beyond High School	Rank
Agriculture, Food and Natural Resources	48,583	3.0%	12	\$25,906	14	4%	15	36%	13
Architecture and Construction	123,320	7.6%	6	\$32,631	9	12%	9	32%	16
Arts, A/V Technology and Communications	27,609	1.7%	15	\$32,318	11	11%	12	71%	6
Business, Management and Administration	305,805	18.8%	1	\$37,135	4	12%	10	62%	10
Education and Training	113,931	7.0%	7	\$37,039	5	20%	4	88%	2
Finance	71,434	4.4%	8	\$36,220	6	9%	13	67%	9
Government and Public Administration	6,826	0.4%	16	\$32,594	10	16%	5	86%	4
Health Science	138,640	8.5%	4	\$38,162	3	28%	1	76%	5
Hospitality and Tourism	53,487	3.3%	10	\$24,414	16	14%	7	43%	12
Human Services / Family and Consumer Sciences	49,477	3.0%	11	\$25,183	15	22%	3	69%	8
Information Technology	28,622	1.8%	14	\$52,185	2	25%	2	86%	3
Law, Public Safety and Security	53,898	3.3%	9	\$35,944	7	15%	6	70%	7
Manufacturing	270,146	16.6%	2	\$30,511	12	2%	16	32%	15
Marketing, Sales and Service	136,076	8.4%	5	\$35,005	8	8%	14	55%	11
Science, Technology, Engineering and Mathematics	32,874	2.0%	13	\$61,774	1	13%	8	90%	1
Transportation, Distribution and Logistics	166,756	10.2%	3	\$28,013	13	11%	11	33%	14
Total, Jobs in Career Occupations **	1,627,073	100.0%		\$34,616		13%		55%	
Jobs Not in Career Occupations	301,282	15.6%	of jobs	\$16,824		13%			
Total, Jobs in All Occupations	1,928,355			\$31,731		13%			
<p>* includes independent contractors; aligns with US estimate</p> <p>** excludes occupations predominantly staffed by part-timers (unless longer training or mostly self-employed)</p> <p>sources:</p> <p>US Bureau of Labor Statistics all national data, SC annual average pay</p> <p>South Carolina Employment Security Commission SC projected change</p> <p>South Carolina Department of Education SC total jobs estimate</p>									

Jobs in Career Clusters: Agriculture, Food and Natural Resources

Largest Career Occupations in South Carolina					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002-2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004-2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4-Yr College Degree (or More)
Landscaping and Groundskeeping Workers	16,821	21	\$19,310	20	77	18	6
Farmers and Ranchers	13,230	na	na	-15	55	29	17
First-Line Supervisors of Groundskeeping Workers	2,405	23	\$33,130	18	51	30	20
Logging Equipment Operators	1,673	-26	\$26,630	3	83	13	4
Water & Liquid Waste Treatment Plant Operators	1,483	13	\$33,150	16	49	44	8
Pest Control Workers	1,319	na	\$28,030	18	60	34	5
Agricultural and Food Scientists	1,267	na	\$43,734	13	26	12	62
Farmworkers/Laborers, Crop, Nursery & Greenhouse	1,030	24	\$17,360	1	84	12	5
Farmworkers, Farm & Ranch Animals	989	15	\$19,490	30	84	12	5
Tree Trimmers and Pruners	939	na	\$22,360	-3	77	18	6
Environmental Engineers	877	47	\$60,550	17	7	7	86
Forest and Conservation Workers	705	na	\$22,890	6	73	16	11
All Other Career Jobs in this Cluster ***	5,846	na	\$33,597	4			
Cluster Total: Agriculture, Food, Ntl. Resources	48,583	na	\$25,906	4	Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster		
Share of All Career Jobs Found in this Cluster ***	3.0%			0			
Total, Jobs in Career Occupations ***	1,627,073	na	\$34,616	13			
Total, Jobs in All Occupations	1,928,355	10	\$31,731	13			
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics all national data, SC annual average pay South Carolina Employment Security Commission SC projected change South Carolina Department of Education SC total jobs estimate					CIP Title 010000 Agriculture, Food & Natural Resources 010205 Agricultural Structures & Technology 010601 Horticulture 011101 Plant and Animal Systems 030101 Environmental & Nat Resources Mgmt 200402 Food Science & Dietetics (also listed in Human Services/FCS)		

Jobs in Career Clusters: Architecture and Construction

Largest Career Occupations in South Carolina					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002-2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004-2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4-Yr College Degree (or More)
Carpenters	14,639	13	\$30,160	14	73	22	5
Construction Laborers	12,008	25	\$21,740	6	80	16	5
First-Line Supervisors of Construction Trades Workers	9,435	17	\$45,120	11	63	27	10
Electricians	8,603	10	\$36,040	12	50	44	6
Operating Engineers and Equipment Operators	5,868	10	\$29,880	12	79	19	2
Plumbers, Pipefitters, and Steamfitters	5,507	12	\$32,470	16	67	29	4
Heating, AC, and Refrigeration Mechanics and Installers	5,106	22	\$32,070	19	60	37	4
Construction Managers	4,684	21	\$67,660	10	41	31	28
Painters, Construction and Maintenance	3,993	22	\$29,670	13	77	17	6
Helpers--Installation, Maintenance, and Repair Workers	3,820	18	\$24,250	16	84	16	1
Helpers--Carpenters	3,514	na	\$21,400	15	81	13	6
Sheet Metal Workers	3,333	27	\$27,200	12	69	30	2
All Other Career Jobs in this Cluster ***	42,809	na	\$32,273	12			
Cluster Total: Architecture & Construction Share of All Career Jobs Found in this Cluster ***					Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster		
Total, Jobs in Career Occupations *** Total, Jobs in All Occupations					CIP	Title	
					480101	Architectural/Mechanical Design (also for Arts/AVTech/Comm Cluster)	
					460102	Masonry	
					460201	Carpentry	
					460322	Electricity	
					460501	Plumbing	
					480703	Cabinetmaking (also for Manufacturing Cluster)	
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics all national data, SC annual average pay South Carolina Employment Security Commission SC projected change South Carolina Department of Education SC total jobs estimate							

Jobs in Career Clusters: Arts, A/V Technology and Communications

Largest Career Occupations in South Carolina					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002-2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004-2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4-Yr College Degree (or More)
Printing Machine Operators	2,787	6	\$27,530	3	71	25	4
Graphic Designers	2,370	25	\$34,550	15	17	30	53
Librarians	2,184	34	\$43,320	5	9	15	77
Telecommunications Line Installers and Repairers	1,920	20	\$31,820	11	48	47	5
Writers and Authors	1,812	19	\$38,240	18	3	13	84
Library Technicians	1,552	44	\$20,510	13	23	35	42
Public Relations Specialists	1,366	25	\$38,350	23	8	14	78
Musicians and Singers	988	na	\$34,486	14	21	26	53
News Analysts, Reporters and Correspondents	984	32	\$37,883	5	7	7	87
Prepress Technicians and Workers	863	1	\$28,120	-8	57	30	13
Job Printers	826	19	\$28,610	2	67	27	7
Coin, Vending, and Amusement Machine Servicers	816	4	\$25,480	2	63	32	5
All Other Career Jobs in this Cluster ***	9,142	na	\$32,389	10			
Cluster Total: Arts, A/V & Communications	27,609	na	\$32,318	11	Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster		
Share of All Career Jobs Found in this Cluster ***	1.7%						
Total, Jobs in Career Occupations ***	1,627,073	na	\$34,616	13			
Total, Jobs in All Occupations	1,928,355	10	\$31,731	13			
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics all national data, SC annual average pay South Carolina Employment Security Commission SC projected change South Carolina Department of Education SC total jobs estimate					480101	Architectural & Mechanical Design (most jobs located in Architecture and Construction Cluster)	
					480201	Graphic Communication	
					500402	Advertising Design	

Jobs in Career Clusters: Business, Management & Administration

Largest Career Occupations in South Carolina					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002-2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004-2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4-Yr College Degree (or More)
General and Operations Managers	35,187	15	\$74,280	17	21	30	48
Office Clerks, General	34,780	3	\$22,700	8	41	42	17
Janitors and Cleaners, Except Maids and Housekeeping	33,168	15	\$16,990	19	79	17	4
Secretaries, Except Legal, Medical, and Executive	25,671	-5	\$24,810	-3	37	47	16
Customer Service Representatives	23,960	19	\$27,120	23	38	40	21
First-Line Supervisors, Administrative Support Workers	19,795	1	\$38,220	8	33	40	27
Executive Secretaries and Administrative Assistants	12,910	6	\$32,530	12	37	47	16
Receptionists and Information Clerks	11,560	21	\$21,320	22	50	39	12
Accountants and Auditors	11,411	15	\$46,770	22	7	20	74
Shipping, Receiving, and Traffic Clerks	10,984	-4	\$25,090	4	65	29	7
Chief Executives	8,598	14	\$125,330	15	16	21	63
Billing and Posting Clerks and Machine Operators	7,144	-2	\$25,240	3	39	44	17
All Other Career Jobs in this Cluster ***	70,637	na	\$39,865	9			
Cluster Total: Business, Mgmt & Administration	305,805	na	\$37,135	12	Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster		
Share of All Career Jobs Found in this Cluster ***	18.8%						
Total, Jobs in Career Occupations ***	1,627,073	na	\$34,616	13			
Total, Jobs in All Occupations	1,928,355	10	\$31,731	13			
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics all national data, SC annual average pay South Carolina Employment Security Commission SC projected change South Carolina Department of Education SC total jobs estimate					CIP Title 520201 Management 520300 Business Financial Mgmt & Accounting 520305 Business Analysis 520400 Administration & Information Support 520703 Small Business Management		

Jobs in Career Clusters: Education and Training

Largest Career Occupations in South Carolina					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002- 2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004- 2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4- Yr College Degree (or More)
Elementary School Teachers, Except Special Education	17,771	40	\$40,040	18	3	5	92
Postsecondary Teachers	17,732	64	\$48,948	32	3	7	90
Teacher Assistants	14,789	44	\$16,040	14	44	40	16
Secondary School Teachers, Except Special/Vocational	13,133	44	\$40,620	14	2	4	95
Middle School Teachers, Except Special/Vocational	9,720	33	\$39,810	14	3	5	92
Preschool Teachers, Except Special Education	4,955	33	\$18,150	33	22	31	47
Special Education Teachers	4,820	58	\$41,848	21	4	6	90
Educational, Vocational, and School Counselors	3,665	19	\$40,610	15	11	20	70
Kindergarten Teachers, Except Special Education	3,200	52	\$39,640	22	22	31	47
Education Administrators, Elementary/Secondary	2,990	47	\$67,310	10	9	18	74
Fitness Trainers and Aerobics Instructors	2,314	50	\$26,240	27	22	31	47
Vocational Education Teachers, Secondary School	1,710	32	\$43,740	9	2	4	95
All Other Career Jobs in this Cluster	17,132	na	\$34,331	19			
Cluster Total: Education & Training					Career and Technology Education (CATE)		
Share of All Career Jobs Found in this Cluster ***					Majors Leading to Jobs in This Cluster		
Total, Jobs in Career Occupations ***	1,627,073	na	\$34,616	13	<u>CIP</u>	<u>Title</u>	
Total, Jobs in All Occupations	1,928,355	10	\$31,731	13			
Bold = at least one-quarter of all newer hires in US					200201 Early Childhood Education (also for Human Services Cluster)		
* includes independent contractors; aligns with US estimate							
** those aged 25-34							
*** excludes occupations predominantly staffed by part-timers							
sources:							
US Bureau of Labor Statistics		all national data, SC annual average pay					
South Carolina Employment Security Commission		SC projected change					
South Carolina Department of Education		SC total jobs estimate					

Jobs in Career Clusters: Finance

Largest Career Occupations in South Carolina					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002-2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004-2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4-Yr College Degree (or More)
Bookkeeping, Accounting, and Auditing Clerks	22,035	-1	\$27,100	6	40	44	16
Tellers	8,290	-7	\$21,300	7	44	43	13
Bill and Account Collectors	6,900	18	\$26,980	21	46	36	19
Financial Managers	6,168	12	\$75,330	15	14	24	61
Loan Officers	4,186	2	\$52,010	8	19	31	50
Insurance Sales Agents	3,547	20	\$44,370	7	23	34	43
Payroll and Timekeeping Clerks	3,530	na	\$29,840	17	38	47	15
Loan Interviewers and Clerks	2,773	-24	\$31,390	-1	33	43	24
Insurance Claims and Policy Processing Clerks	2,310	13	\$25,880	5	39	44	16
Securities, Commodities, & Financial Sales Agents	1,924	21	\$76,390	12	12	21	67
Insurance Underwriters	1,477	na	\$47,440	8	21	26	53
Market Research Analysts	1,017	19	\$45,540	20	7	14	79
All Other Career Jobs in this Cluster ***	7,277	na	\$41,705	9			
Cluster Total: Finance	71,434	na	\$36,220	9	Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster <u>CIP</u> <u>Title</u> No CATE majors designated Some related majors may be found in Business, Mgmt & Admin Cluster		
Share of All Career Jobs Found in this Cluster ***	4.4%						
Total, Jobs in Career Occupations ***	1,627,073	na	\$34,616	13			
Total, Jobs in All Occupations	1,928,355	10	\$31,731	13			
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics all national data, SC annual average pay South Carolina Employment Security Commission SC projected change South Carolina Department of Education SC total jobs estimate							

Jobs in Career Clusters: Government and Public Administration

Largest Career Occupations in South Carolina					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002-2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004-2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4-Yr College Degree (or More)
Legislators	1,732	23	\$16,850	2	1	2	98
Social and Community Service Managers	1,722	9	\$41,680	26	10	19	71
Compliance Officers	1,385	na	\$42,580	12	12	31	57
Court, Municipal, and License Clerks	1,330	na	\$25,700	19	40	46	14
Emergency Management Specialists	366	na	\$59,720	23	20	31	49
Urban and Regional Planners	290	na	\$47,940	15	5	0	96
Other Government Jobs are in Occupations Listed in Various Other Career Clusters							
All Other Career Jobs in this Cluster ***	0						
Cluster Total: Government & Public Admin. Share of All Career Jobs Found in this Cluster ***	6,826	na	\$32,594	16	Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster <u>CIP</u> <u>Title</u> No CATE majors designated Some related majors may be found in Business, Mgmt & Admin, and in Law, Public Safety & Security Clusters		
Total, Jobs in Career Occupations ***	1,627,073	na	\$34,616	13			
Total, Jobs in All Occupations	1,928,355	10	\$31,731	13			
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics all national data, SC annual average pay South Carolina Employment Security Commission SC projected change South Carolina Department of Education SC total jobs estimate							

Jobs in Career Clusters: Health Science

Largest Career Occupations in South Carolina					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002- 2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004- 2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4- Yr College Degree (or More)
Registered Nurses	33,730	12	\$50,950	29	2	40	58
Nursing Aides, Orderlies, and Attendants	18,872	4	\$18,830	22	63	31	6
Licensed Practical and Licensed Vocational Nurses	10,890	1	\$34,960	17	23	72	5
Home Health Aides	8,758	30	\$17,590	56	63	31	6
Physicians and Surgeons	4,800	10	\$150,530	24	1	2	97
Medical Assistants	4,430	45	\$23,800	52	37	50	14
Medical and Health Services Managers	4,309	16	\$67,910	23	9	30	61
Pharmacy Technicians	4,220	21	\$23,830	29	34	54	12
Emergency Medical Technicians and Paramedics	3,818	22	\$26,980	27	24	63	13
Pharmacists	3,557	21	\$84,200	25	1	4	95
Dental Assistants	3,064	33	\$28,050	43	34	57	8
Medical Records and Health Information Technicians	2,998	31	\$26,700	29	36	48	16
All Other Career Jobs in this Cluster ***	35,195	na	\$41,675	24			
Cluster Total: Health Science					Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster		
Share of All Career Jobs Found in this Cluster ***							
Total, Jobs in Career Occupations ***							
Total, Jobs in All Occupations							
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics South Carolina Employment Security Commission South Carolina Department of Education					510000 Health Science Technology 511600 Practical Nursing 510913 Sports Medicine plus courses in: Emergency Medical Services Gerontology Medical Terminology Pharmacy Technology		
all national data, SC annual average pay							
SC projected change							
SC total jobs estimate							

Jobs in Career Clusters: Hospitality and Tourism

Largest Career Occupations in South Carolina					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002-2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004-2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4-Yr College Degree (or More)
Cooks, Restaurant	12,280	16	\$17,960	17	78	16	5
First-Line Supervisors of Food Workers	11,425	15	\$26,110	17	56	30	14
Cooks, Institution and Cafeteria	6,234	-3	\$17,770	1	78	16	5
Food Service Managers	3,874	11	\$38,300	12	43	33	24
First-Line Supervisors of Housekeeping and Janitorial	3,594	15	\$28,000	19	62	30	9
Recreation Workers	2,875	17	\$18,990	17	22	31	47
Coaches and Scouts	2,569	31	\$35,520	20	15	26	60
Chefs and Head Cooks	2,420	16	\$30,280	17	48	38	14
First-Line Supervisors of Personal Service Workers	1,759	1	\$28,730	18	46	40	15
Lodging Managers	1,059	5	\$41,670	17	31	22	48
Reservation/Transportation Ticket Agents, Travel Clerks	951	5	\$25,470	2	32	45	23
Baggage Porters and Bellhops	854	na	\$16,710	14	45	46	10
All Other Career Jobs in this Cluster ***	3,593	na	\$26,207	15			
Cluster Total: Hospitality & Tourism Share of All Career Jobs Found in this Cluster ***					Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster		
Total, Jobs in Career Occupations *** Total, Jobs in All Occupations					<u>CIP</u> 200401 520904	<u>Title</u> Culinary Arts Hospitality Management & Operations	
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics South Carolina Employment Security Commission South Carolina Department of Education					all national data, SC annual average pay SC projected change SC total jobs estimate		

Jobs in Career Clusters: Human Services / Family and Consumer Sciences

Largest Career Occupations in South Carolina					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002- 2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004- 2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4- Yr College Degree (or More)
Child Care Workers	13,300	27	\$15,070	14	60	32	8
Personal and Home Care Aides	9,081	22	\$16,910	41	53	34	13
Child, Family, and School Social Workers	5,397	20	\$30,750	12	8	18	74
Clergy	5,343	na	\$31,670	19	8	14	78
Social and Human Service Assistants	3,727	39	\$22,440	30	15	24	61
Rehabilitation Counselors	2,513	16	\$28,480	24	11	20	70
Medical and Public Health Social Workers	2,024	20	\$33,760	26	8	18	74
Directors, religious activities and education	1,403	na	\$33,190	19	11	32	57
Clinical, Counseling, and School Psychologists	1,180	33	\$48,730	19	0	1	99
Residential Advisors	742	20	\$22,950	29	32	43	25
Mental Health and Substance Abuse Social Workers	671	23	\$31,340	27	8	18	74
Substance Abuse and Behavioral Disorder Counselors	627	9	\$34,340	29	11	20	70
All Other Career Jobs in this Cluster	3,467	na	\$34,110	22			
Cluster Total: Human Services					Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster		
Share of All Career Jobs Found in this Cluster ***							
Total, Jobs in Career Occupations ***	1,627,073	na	\$34,616	13			
Total, Jobs in All Occupations	1,928,355	10	\$31,731	13			
Bold = at least one-quarter of all newer hires in US							
* includes independent contractors; aligns with US estimate							
** those aged 25-34							
*** excludes occupations predominantly staffed by part-timers							
sources:							
US Bureau of Labor Statistics							
South Carolina Employment Security Commission							
South Carolina Department of Education							
all national data, SC annual average pay							
SC projected change							
SC total jobs estimate							
					200201	Early Childhood Education (also for Education & Training Cluster)	
					120403	Cosmetology	
					120404	Nail Technology (jobs for both found in Marketing, Sales and Service Cluster)	

Jobs in Career Clusters: Information Technology

Occupational Title	SC 2002-2012			US 2004-2014 Projected Percent Change in Jobs	Educational Attainment of Newer Hires in U.S. **		
	SC Total Jobs Estimate*, 2004	Projected Percent Change in Jobs	SC 2004 Annual Average Pay		Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4- Yr College Degree (or More)
Computer Support Specialists	4,588	28	\$35,820	23	16	43	42
Computer Programmers	4,320	7	\$54,370	2	8	22	70
Computer Systems Analysts	3,501	39	\$58,210	31	10	27	62
Computer and Information Systems Managers	2,605	25	\$72,550	26	7	22	70
Network and Computer Systems Administrators	2,012	38	\$51,190	38	11	39	50
Network Systems and Data Communications Analysts	1,980	na	\$53,950	55	11	31	58
Telecommunications Equipment Installers & Repairers	1,862	1	\$39,960	-5	41	48	11
Computer Software Engineers, Applications	1,828	49	\$65,310	48	4	15	81
Computer Software Engineers, Systems Software	1,723	24	\$69,120	43	4	15	81
Computer Operators	1,331	-24	\$31,020	-33	39	41	20
Computer, Automated Teller & Office Machine Repairers	971	7	\$34,960	4	28	50	22
Database Administrators	919	37	\$56,160	38	10	23	67
All Other Career Jobs in this Cluster	982		\$52,264	16			
Cluster Total: Information Technology	28,622	na	\$52,185	25	Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster <u>CIP</u> <u>Title</u> 110801 Interactive Media 150402 Information Support & Services 521202 Programming & Software Development 521204 Networking Systems 521206 Academy of Information Technology		
Share of All Career Jobs Found in this Cluster ***	1.8%			0			
Total, Jobs in Career Occupations ***	1,627,073	na	\$34,616	13			
Total, Jobs in All Occupations	1,928,355	10	\$31,731	13			
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics all national data, SC annual average pay South Carolina Employment Security Commission SC projected change South Carolina Department of Education SC total jobs estimate							

Jobs in Career Clusters: Law, Public Safety and Security

Largest Career Occupations in South Carolina				US 2004-2014 Projected Percent Change in Jobs	Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002-2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay		Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4- Yr College Degree (or More)
Security Guards	12,694	7	\$21,970	13	53	35	13
Police and Sheriff's Patrol Officers	9,540	38	\$32,770	16	19	53	28
Correctional Officers and Jailers	6,730	na	\$26,180	7	43	47	10
Lawyers	5,445	16	\$99,980	15	1	2	98
Fire Fighters	3,720	na	\$28,770	24	26	58	16
Paralegals and Legal Assistants	3,360	22	\$33,680	30	16	42	42
Police, Fire, and Ambulance Dispatchers	1,300	37	\$25,910	16	44	44	12
Detectives and Criminal Investigators	1,260	na	\$40,600	16	9	35	56
Judges, Magistrate Judges, and Magistrates	1,104	na	\$61,070	7	1	2	98
Law Clerks	1,067	na	\$39,110	8	25	41	34
First-Line Supervisors, Police and Detectives	1,020	na	\$46,040	16	17	54	28
First-Line Supervisors, Fire Fighting/Prevention Workers	660	na	\$43,940	21	18	57	25
All Other Career Jobs in this Cluster ***	5,998	na	\$26,332	13			
Cluster Total: Law, Public Safety & Security	53,898	na	\$35,944	15	Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster <u>CIP</u> <u>Title</u> 430199 Law Enforcement Services 430299 Emergency & Fire Management Svcs		
Share of All Career Jobs Found in this Cluster ***	3.3%						
Total, Jobs in Career Occupations ***	1,627,073	na	\$34,616	13			
Total, Jobs in All Occupations	1,928,355	10	\$31,731	13			
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics all national data, SC annual average pay South Carolina Employment Security Commission SC projected change South Carolina Department of Education SC total jobs estimate							

Jobs in Career Clusters: Manufacturing

Largest Career Occupations in South Carolina				US 2004-2014 Projected Percent Change in Jobs	Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002-2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay		Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4- Yr College Degree (or More)
Team Assemblers	31,680	0	\$27,690	7	74	21	5
Maintenance and Repair Workers, General	27,279	11	\$31,230	15	57	35	9
Inspectors, Testers, Sorters, Samplers, and Weighers	15,473	6	\$27,990	-3	53	34	13
First-Line Supervisors of Production/Operating Workers	14,900	9	\$46,920	3	59	29	13
Packers and Packagers, Hand	11,750	2	\$17,570	10	83	13	4
Helpers--Production Workers	11,187	-3	\$22,100	8	77	17	5
Packaging and Filling Machine Operators and Tenders	7,400	10	\$23,050	2	82	16	3
First-Line Supervisors of Mechanics/Installers/Repairers	7,108	14	\$48,460	12	48	40	12
Machinists	6,760	13	\$32,770	4	64	32	4
Welders, Cutters, Solderers, and Brazers	6,521	27	\$32,200	5	75	23	2
Sewing Machine Operators	5,923	-7	\$19,500	-37	87	10	3
Industrial Machinery Mechanics	5,797	6	\$38,120	0	60	34	5
All Other Career Jobs in this Cluster ***	118,368	na	\$31,004	-2			
Cluster Total: Manufacturing	270,146	na	\$30,511	2	Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster		
Share of All Career Jobs Found in this Cluster ***	16.6%						
Total, Jobs in Career Occupations ***	1,627,073	na	\$34,616	13			
Total, Jobs in All Occupations	1,928,355	10	\$31,731	13	CIP	Title	
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics all national data, SC annual average pay South Carolina Employment Security Commission SC projected change South Carolina Department of Education SC total jobs estimate					470101	Core Electronics	
					470103	Communication Electronics	
					470105	Industrial Electronics	
					470399	Industrial Systems Technology	
					480501	Metal Fabrication	
					480503	Machine Technology	
					480508	Welding Technology	
					480703	Cabinetmaking	
						(also listed for Architecture and Construction Cluster)	

Jobs in Career Clusters: Marketing, Sales and Service

Largest Career Occupations in South Carolina					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002-2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004-2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4-Yr College Degree (or More)
Stock Clerks and Order Fillers	23,687	-10	\$20,440	-7	65	26	9
First-Line Supervisors of Retail Sales Workers	19,293	7	\$34,280	4	41	34	25
Sales Representatives, Wholesale and Manufacturing	15,514	11	\$48,330	13	25	27	49
Hairdressers, Hairstylists, and Cosmetologists	13,431	5	\$23,760	16	56	40	4
Real Estate Sales Agents	7,359	16	\$48,650	15	22	37	41
Driver/Sales Workers	6,767	2	\$22,340	14	71	24	5
Sales Managers	4,696	27	\$73,190	20	10	23	67
Sales Representatives, Technical & Scientific Products	4,196	13	\$57,270	14	25	27	49
First-Line Supervisors of Non-Retail Sales Workers	3,716	5	\$53,020	2	35	29	36
Parts Salespersons	3,394	-4	\$26,990	-7	67	28	5
Laundry and Dry-Cleaning Workers	3,070	2	\$16,660	13	82	14	4
Pressers: Textile, Garment, and Related Materials	2,307	-18	\$17,840	3	90	8	2
All Other Career Jobs in this Cluster ***	28,646	na	\$37,492	13			
Cluster Total: Marketing, Sales & Service	136,076	na	\$35,005	8	Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster		
Share of All Career Jobs Found in this Cluster ***	8.4%						
Total, Jobs in Career Occupations ***	1,627,073	na	\$34,616	13			
Total, Jobs in All Occupations	1,928,355	10	\$31,731	13			
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics all national data, SC annual average pay South Carolina Employment Security Commission SC projected change South Carolina Department of Education SC total jobs estimate					CIP 200301 520208 521401 521403 120403 120410	Title Fashion Design & Apparel Construction E-Marketing Marketing, Communication, Management and Promotion Global Marketing Cosmetology (majors listed in Human Services) Nail Technology	

Jobs in Career Clusters: Science, Technology, Engineering & Mathematics

Largest Career Occupations in South Carolina					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002-2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004-2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4-Yr College Degree (or More)
Industrial Engineers	4,350	11	\$65,170	16	5	27	68
Mechanical Engineers	3,807	11	\$66,830	11	5	18	77
Civil Engineers	3,310	31	\$61,490	17	3	9	88
Engineering Managers	2,733	16	\$88,930	13	8	17	76
Electrical Engineers	2,707	11	\$73,800	12	5	15	80
Chemical Technicians	1,662	8	\$38,150	4	32	40	29
Electronics Engineers, Except Computer	1,200	26	\$64,200	10	5	15	80
Chemists	1,185	19	\$58,310	7	3	3	94
Surveying and Mapping Technicians	1,175	na	\$27,810	10	48	45	7
Weighers, Measurers, Checkers, and Samplers	1,145	6	\$26,650	-11	56	31	13
Nuclear Engineers	1,070	na	\$86,030	7	5	6	89
Chemical Engineers	757	na	\$73,780	11	2	5	93
All Other Career Jobs in this Cluster ***	7,774	na	\$55,282	16			
Cluster Total: Science, Tech, Engineering & Math	32,874	na	\$61,774	13	Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster <u>CIP</u> <u>Title</u> 140101 Project Lead the Way		
Share of All Career Jobs Found in this Cluster ***	2.0%						
Total, Jobs in Career Occupations ***	1,627,073	na	\$34,616	13			
Total, Jobs in All Occupations	1,928,355	10	\$31,731	13			
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics all national data, SC annual average pay South Carolina Employment Security Commission SC projected change South Carolina Department of Education SC total jobs estimate							

Jobs in Career Clusters: Transportation, Distribution and Logistics

Largest Career Occupations in South Carolina					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002- 2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004- 2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4- Yr College Degree (or More)
Laborers and Freight, Stock & Material Movers	47,677	-7	\$21,320	10	74	22	5
Truck Drivers, Heavy and Tractor-Trailer	28,836	12	\$33,250	13	71	24	5
Truck Drivers, Light Or Delivery Services	15,282	16	\$26,450	16	61	26	13
Industrial Truck and Tractor Operators	11,881	2	\$25,900	8	79	18	3
Automotive Service Technicians and Mechanics	10,892	13	\$31,940	16	67	30	3
Bus Drivers, School	6,203	25	\$17,420	14	64	29	7
Postal Service Mail Carriers	4,510	na	\$42,110	0	52	40	8
Cleaners of Vehicles and Equipment	3,744	10	\$18,760	8	78	17	5
Production, Planning, and Expediting Clerks	3,720	13	\$35,020	8	37	35	28
Bus & Truck Mechanics and Diesel Engine Specialists	3,160	8	\$32,000	14	66	31	3
First-Line Supervisors of Vehicle Operators	2,685	7	\$42,690	15	50	37	14
Refuse and Recyclable Material Collectors	2,519	na	\$19,100	9	79	15	6
All Other Career Jobs in this Cluster ***	25,646	na	\$33,972	9			
Cluster Total: Transportation, Dist. & Logistics					Career and Technology Education (CATE) Majors Leading to Jobs in This Cluster		
Share of All Career Jobs Found in this Cluster ***							
Total, Jobs in Career Occupations ***							
Total, Jobs in All Occupations							
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers sources: US Bureau of Labor Statistics South Carolina Employment Security Commission South Carolina Department of Education					CIP Title 470603 Auto Collision Repair Technology 470604 Automotive Technology 470605 Diesel Engine Mechanics 470606 Small Engine Technology		
all national data, SC annual average pay SC projected change SC total jobs estimate							

Jobs in Other Occupations Not Considered Career Occupations

Largest Occupations in South Carolina: Part-time, Short-Term Training					Educational Attainment of Newer Hires in U.S. **		
Occupational Title	SC Total Jobs Estimate*, 2004	SC 2002-2012 Projected Percent Change in Jobs	SC 2004 Annual Average Pay	US 2004-2014 Projected Percent Change in Jobs	Percent with High School (or Less) Education	Percent with Some College or Associate Degree	Percent with a 4-Yr College Degree (or More)
Cashiers	63,978	11	\$15,080	3	66	26	8
Retail Salespersons	61,046	12	\$22,550	17	42	33	25
Waiters and Waitresses	39,344	16	\$13,730	17	55	32	13
Combined Food Preparation and Serving Workers	31,081	23	\$14,200	17	77	18	5
Maids and Housekeeping Cleaners	16,369	11	\$15,820	12	82	14	5
Cooks, Fast Food	13,487	6	\$14,270	16	78	16	5
Food Preparation Workers	12,789	18	\$18,050	20	77	18	5
Dishwashers	7,818	8	\$14,560	16	90	7	3
Counter and Rental Clerks	6,434	16	\$20,140	23	49	28	23
Counter Attendants: Cafeteria, Concession, CoffeeShop	5,726	16	\$14,100	18	72	20	8
Dining Room Attendants and Bartender Helpers	5,397	14	\$15,800	16	78	15	7
Hosts and Hostesses	5,305	17	\$14,660	16	48	32	20
Smaller Occupations	32,509	na	\$17,382	10			
Sum of All Jobs Not in Career Occupations	301,282	na	\$16,824	13	Clusters for Non-Career Occupations		
Share of All Jobs Not in Career Occupations	15.6%						
Total, Jobs in Career Occupations ***	1,627,073	na	\$34,616	13			
Total, Jobs in All Occupations	1,928,355	10	\$31,731	13	Cashiers	Marketing, Sales and Service	
					Retail Salespersons	Marketing, Sales and Service	
					Counter Clerks	Marketing, Sales and Service	
					All Others on List	Hospitality and Tourism	
Bold = at least one-quarter of all newer hires in US * includes independent contractors; aligns with US estimate ** those aged 25-34 *** excludes occupations predominantly staffed by part-timers (unless longer training or mostly self-employed) sources: US Bureau of Labor Statistics all national data, SC annual average pay South Carolina Employment Security Commission SC projected change South Carolina Department of Education SC total jobs estimate					Others for Smaller Occupations:	Transportation/Distribution/Logistics	
						Arts/AVTech/Communications	
						Business/Mgmt/Administration	
						Law and Public Safety	